

FIG. 1

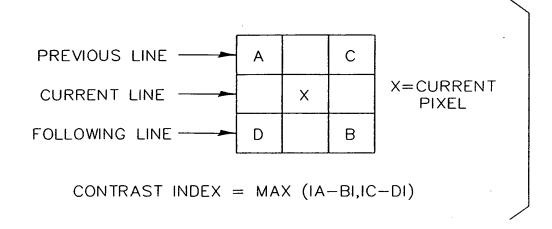


FIG. 2

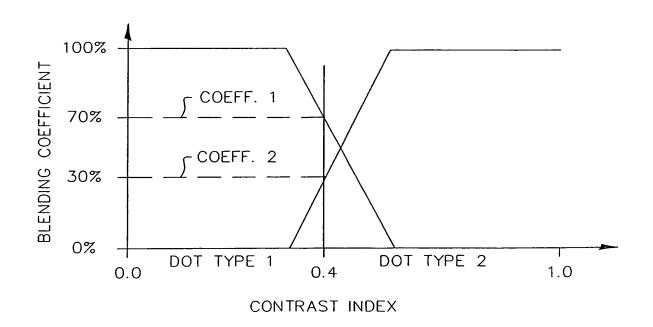


FIG. 3

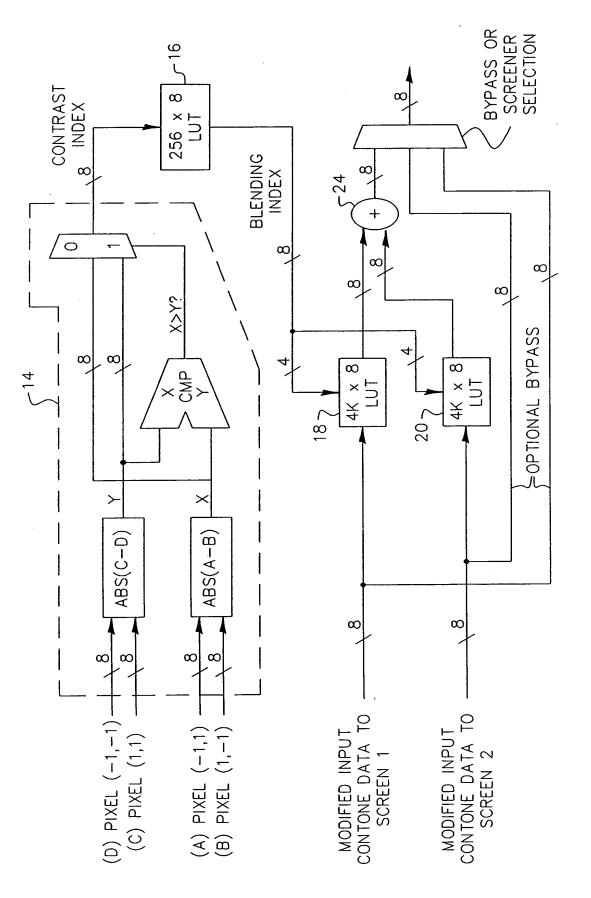


FIG. 4

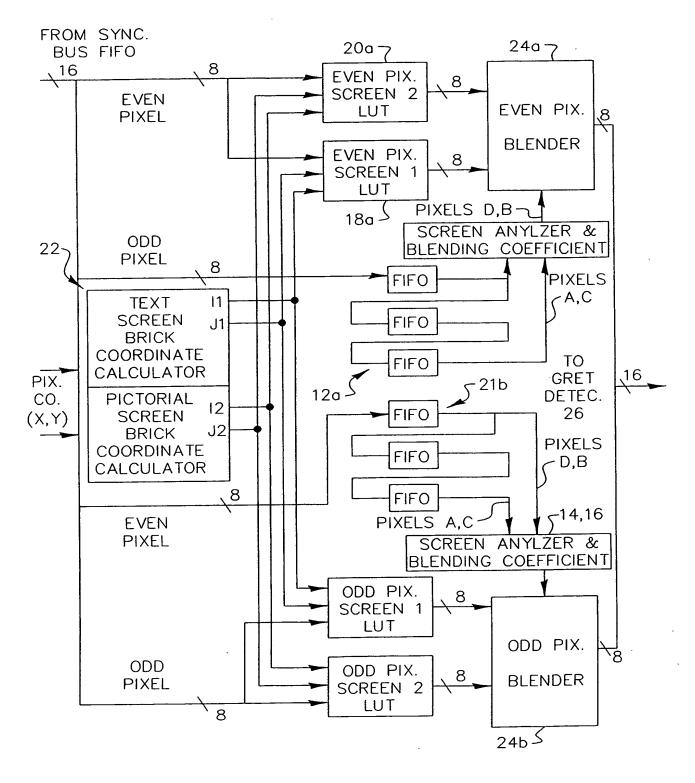


FIG. 5

FIG. 6a

																/	1				
	8	0	0	0	0	0	0	0	0	0	0	0	9	Ø	168	117	4	0	0	0	
	17	0	0	0	0	0	0	0	9	6	120	155	40	86	233	248	187	0	0	0	
	16	0	0	0	9	6	70/	182	27	48	204	253	209	156	219	241	83	0	0	0	
	15	P	32	187	83	32	163	253	228	155	202	248	132	0	54	168	32	þ	0	0	
	4	þ	117	248	241	168	182	243	181	22	27	152	70	0	13	182	163	4	0	0	
	13	4	166	233	219	54	13	117	116	0	0	134	194	8	117	243	253	182	0	0	
	12	0	6	77	156	0	0	8	212	104	86	225	255	212	116	181	228	57	0	0	
	<del></del>	0	þ	40	209	132	70	194	255	235	133	164	235	104	0	22	155	48	þ	0	
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	$\infty$	0	0	þ	48	155	22	0	104	235	164	133	235	255	194	70	132	209	40	þ	
	_	0	0	4	22	228	181	116	212	255	225	86	104	212	8	0	0	156	98	4	
	φ	0	0	9	182	253	243	117	8	194	134	0	0	116	117	13	54	219	233	166	
	ري د	0	0	0	12	163	182	13	0	70	152	27	22	181	243	182	168	241	248	=======================================	
	4	0	0	0	þ	32	168	54	0	132	248	202	155	228	253	163	32	83	187	32	
	3	.0	0	0	4	83	241	219	156	209	253	204	48	22	182	/20	9	6	0	0	
	7	0	0	0	0	187	248	233	86	40	155	120	9	6	0	0	0	0	0	0	
	<del></del>	0	0	0	0	32	117	99)	9	6	0	0	0	0	0	0	0	0	0	0	
)  - 	0	0	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
- -		0	<b>-</b>	2	2	4	വ	9	7	∞	თ	10	=	12	13	14	15	16	17	28	

FIG. 6b

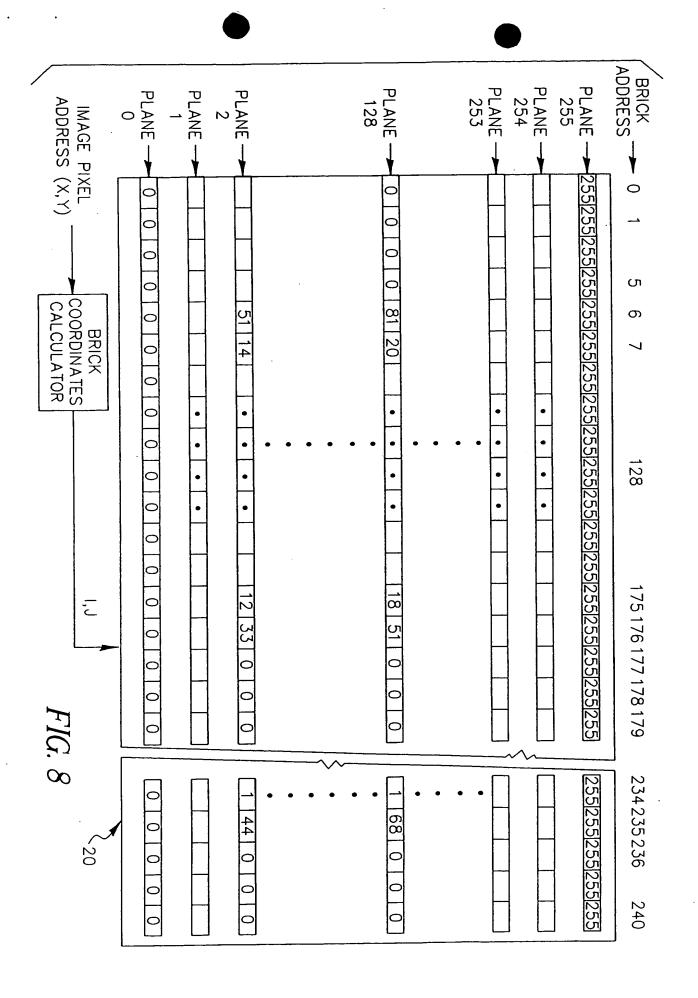
														/	1			_
	48	00	0	0 (	0	0	0	0	0	0	9	Ø	6	0	þ	0	0	0
	17	00	0	0 0	0 0	0	9	Ø	6	0	0	0	9	46	4	0	0	0
	16	00	0	9	50	0	0	0	0	64	0	0	9	17	0	0	0	0
	5	00	0	0 0	0	51	14	0	0	24	0	0	0	0	0	þ	0	0
	4	0	34	30	0 0	8	S	0	0	0	0	0	0	0	0	f	0	0
	13	do	17	Ξ <	0 0	0	0	0	0	0	0	0	0	24	63	9	0	0
	12	00	0	0 0	0 0	0	0	0	0	0	88	0	0	0	0	0	0	0
	<del>-</del>	0	0	0 (	0 0	0	9	19	0	0	0	0	0	0	0	0	þ	.0
	10	09	0	747	4 7	0	0	0	0	0	0	0	0	0	9	15	4	0
	თ	00	0	0	0	0	0	0	0	0	0	21	0	0	19	49	0	0
	∞	00	þ.	0	0 0	0	0	16	4	0	0	29	O	0	0	0	0	þ
	_	00	4	0;	= 6	0	0	52	15	0	0	0	0	0	0	0	0	4
	9	00	9	0 %	32	0	0	0	0	0	0	0	0	0	0	12	31	9
	ഗ	00	0	0 0	0 0	0	0	0	0	0	0	0	42	0	0	12	33	0
	4	00	0	þ	0	0	0	0	33	တ	0	0	45	0	0	0	0	9
	3	00	0	d	23	20	0	0	35	10	0	0	0	0	9	6	0	0
	7	00	0		2 <sup>7</sup>	22	0	0	0	0	مح	6	0	0	0	0	0	0
	<del></del>	00	0	0	0	0	حر	6	0	0	0	0	0	0	0	0	0	0
= 2	0	00	0	0 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PLANE=2		0 -	7	۲) م	4 დ	9	7	∞	တ	01		12	13	14	15	16	17	£ 2

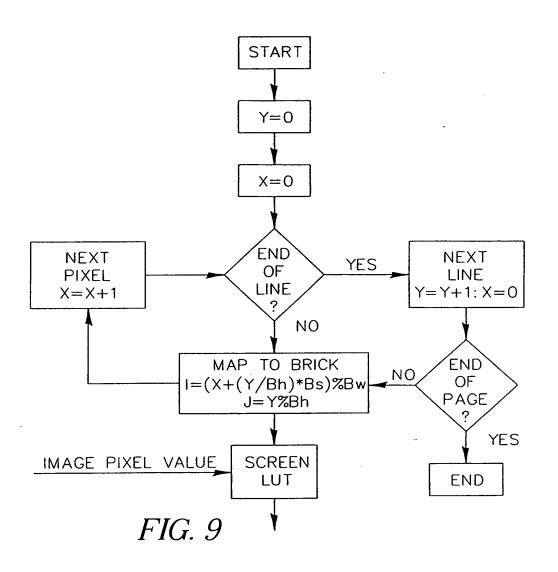
### PLANE=25

## FIG. 7a

3	0	0	0	0	0	0	16	`
0	0	<del></del>	0	0	0	62	0	
0	20	0	0	0	49	7	0	0
$\overline{\infty}$	23	0	0	=	<u>1</u>	0	0	0
65	0	0	0	12	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	20	0	0	0
<del>-</del>	0	0	0	46	<del></del>	0	0	44
-	0	0	32	<u>3</u>	0	0	7	<del></del>
0	0	S	36	0	0	0	<b>-</b>	0
0	0	<u>%</u>	0	0	0	0	0	တ
0	0	0	0	0	0	0	0	33
0	0	0	15	0	0	0	80	0
0	0	30	9	0	0	33	3	0
0	15	34	0	0	7	12	0	0
0	52	0	0	0	7	0	0	0
23	0	.0	0	0	0	0	-	0
-	0	0	0	0	0	41	0	0
0	10	0	0	0	9	<del></del>	0	0
<del>1</del>	=======================================	0	0	22	23	0	0	0
5	0	0	<del></del>	24	0	0	0	0
0	0	0	7	0	0	0	0	0
0	0	0	0	0	7	0	0	0
0	0	0	0	31	0	0	0	65
0	0	0	39	12	0	0	17	7
0	0	10	44	0	0	0	9	0
0	0	35	0	0	0	0	0	4

FIG. 7c





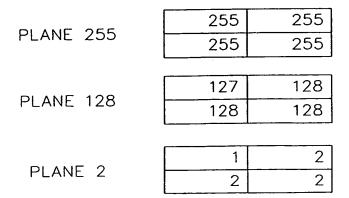
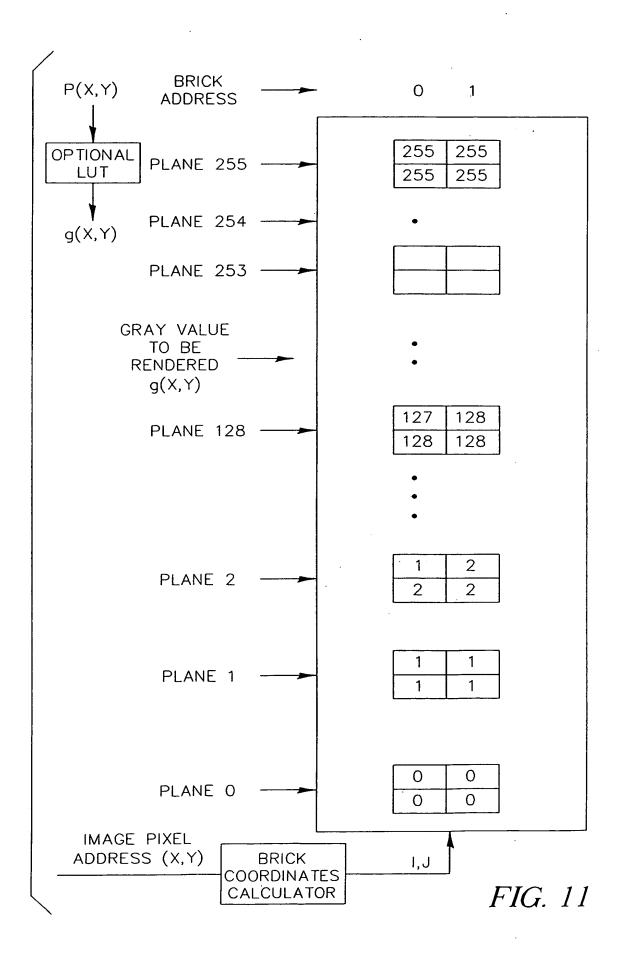


FIG. 10



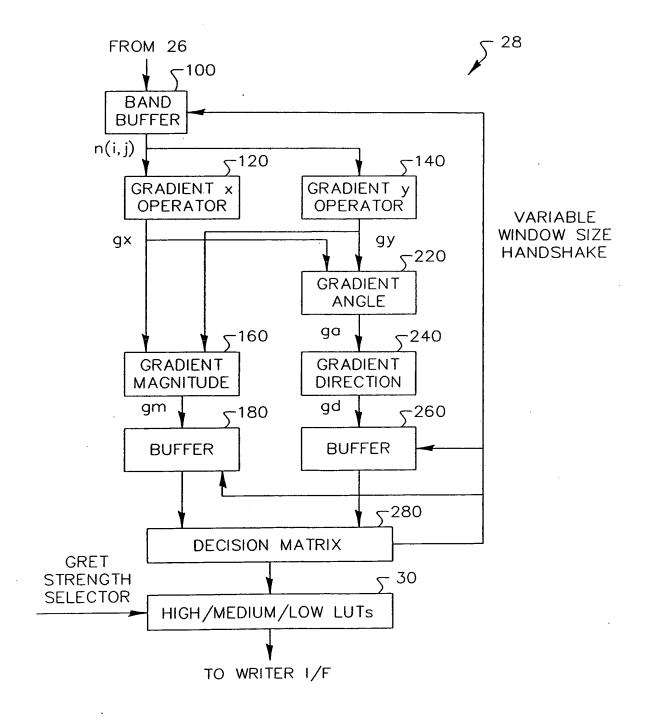
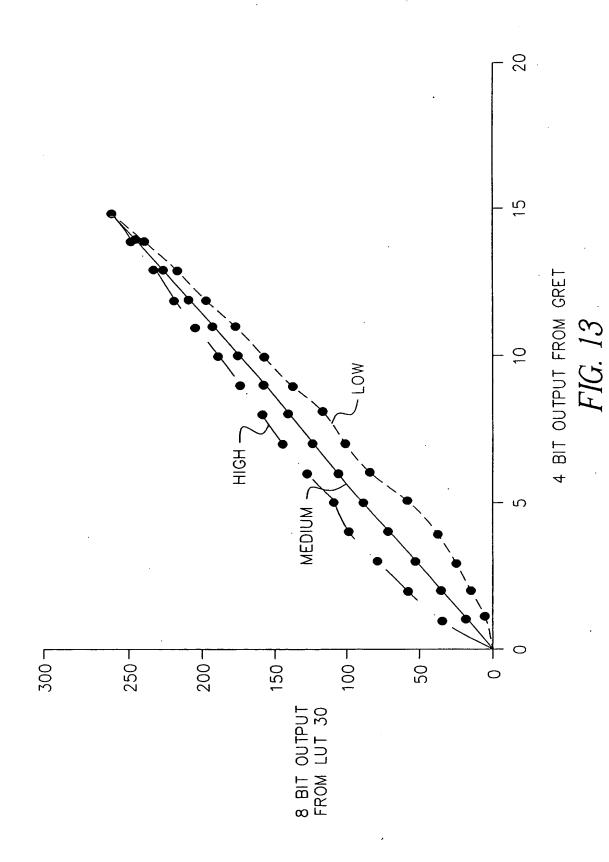


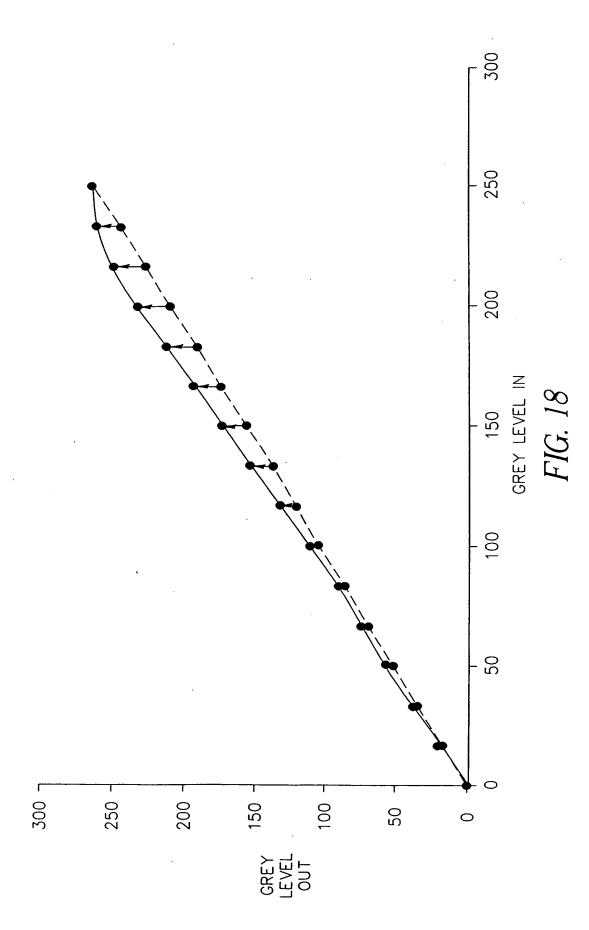
FIG. 12



000000000000000000000000000000 \$\text{\alpha} \text{\alpha} \ 

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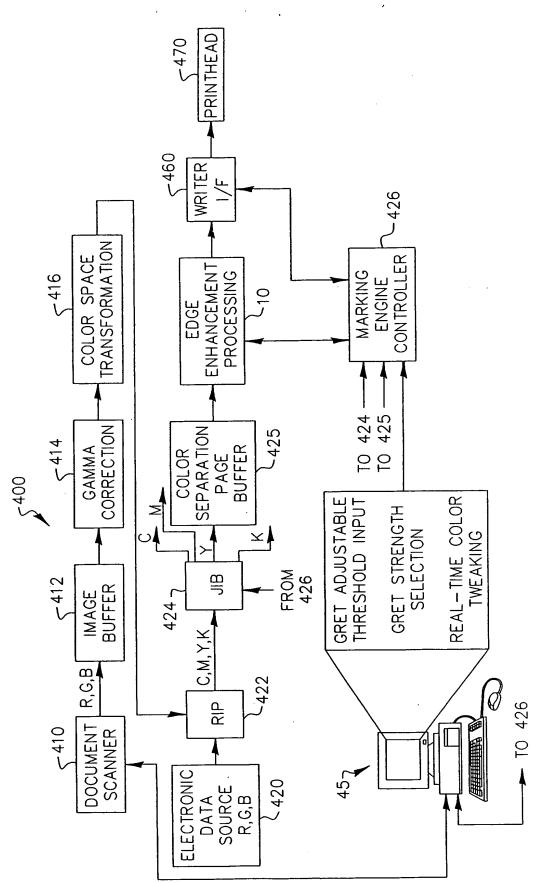
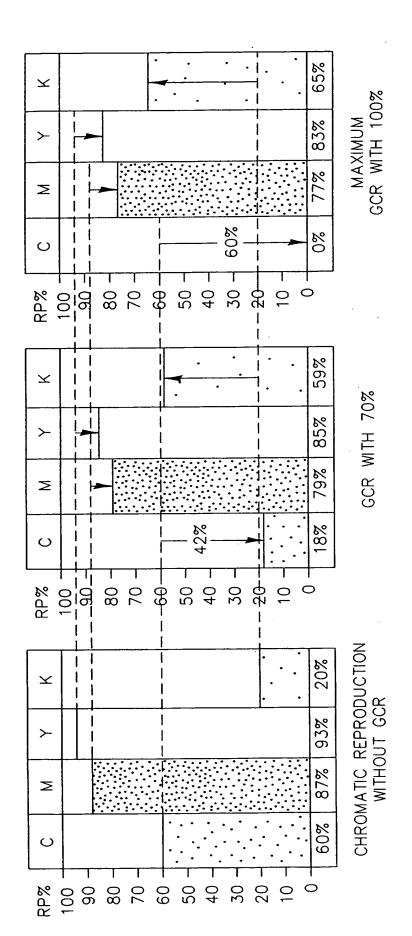


FIG. 19



DOMINANT COLORS: Y,M=RED COMPLEMENTARY COLOR=CYAN

FIG. 20a

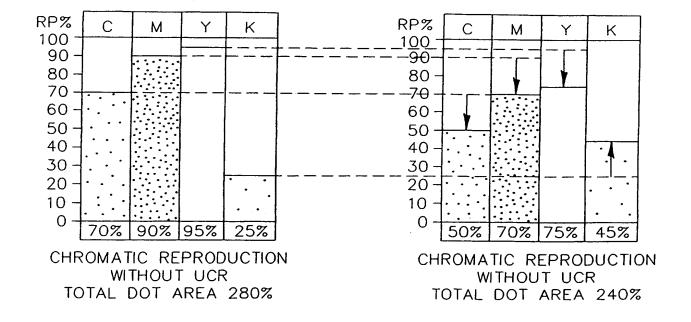


FIG. 20b

STEP 1

TILE STRUCTURE

X	Х	Х	Х	X	Х	X
X	Х	Х	C1	Х	Х	X
Х	Х	C1	C1	C1	Х	Χ
X	C1	C1	C1	C1	C1	Х
X	C1	C1	C1	C1	C1	Х
X	Χ	C1	C1	C1	Χ	Χ
X	Χ	Х	C1	Х	Х	X
X	Х	Х	X	Χ	Χ	Χ

FIG. 21-1

STEP 2

LABEL PIXEL SEQUENCE IN THE TILE

0	0	0	0	0	· O	0
0	0	0	1	Ō	0	0
0	0	2	3	4	0	0
0	5	6	7	8	9	0
0	10	11	12	13	14	0
0	0	15	16	17	0	0
0	0	0	18	0	0	0
0	0	0	0	0	0	0

FIG. 21-2

STEP 3

FILL UP IMAGE PLANE WITH TILE

-	. 3	7	12	16	18	1	3	7	12	16	18	1	3	7	12	16
14	2	9	11	15	6	14	2	9	11	15	6	14	2	9	11	15
13	17	5	10	4	8	13	17	5	10	4	8	13	17	5	10	4
12	16	18	1	3	7	12	16	18	1	3	7	12	16	18	-	3
11	15	6	14	2	9	11	15	6	14	2	9	=	15	6	14	2
10	4	∞	13	17	ß	10	4	∞	13	17	5	10	4	8	13	17
-	ь.	7	12	16	1,8		3	7	12	16	18	-	3	7	12	16
14	2	9	7	15	6	14	2	9	11	15	6	14	2	9	Ξ	15
13	17	5	5	4	ω	13	17	2	10	4	∞	13	17	5	10	4
12	16	18	-	3	7	12	16	18	-	3	7	12	16	18	-	3
11	15	ნ	14	2	9	=	15	6	14	2	9	1	15	ნ	14	2
01	4	∞	13	17	5	10	4	∞	13	17	5	10	4	∞	13	17
-	2	7	12	16	18	-	3	7	12	16	18	-	3	7	12	16

FIG. 21-3

STEP 4
FOUND REPEATING RECTANGLE
BLOCKS IN THE IMAGE PLANE

1	10	11	12	13	14	1	10	11	12	13	14	1
3	4	15	16	17	2	3	4	15	16	17	2	3
7	8	9	18	5	6	7	8	9	18	5	6	7
12	13	14	1	10	11	12	13	14	1	10	11	12
16	17	2	3	4	15	16	17	2	3	4	15	16
18	5	6	7	8	9	18	5	6	7	8	9	18
1	10	11	12	13	14	1	10	11	12	13	14	1
3	4	15	16	17	2	3	4	15	16	17	2	3
7	8	9	18	5	6	7	8	9	18	5	6	7
12	13	14	1	10	11	12	13	14	1	10	11	12
16	17	2	3	4	15	16	17	2	3	4	15	16
18	5	6	7	8	9	18	5	6	7	8	9	18
1	10	11	12	13	14	1	10	11	12	13	14	1
3	4	15	16	17	2	3	4	15	16	17	2	3 I
7	8	9	18	5	6	7	8	9	18	5	6	7 <sub>I</sub>
12	13	14	1	10	11	12	13	14	1	10	11	12
16	17	2	3_	4	15	16	<u>17</u>	2	<u>3</u>	4_	15	16

FIG. 21-4

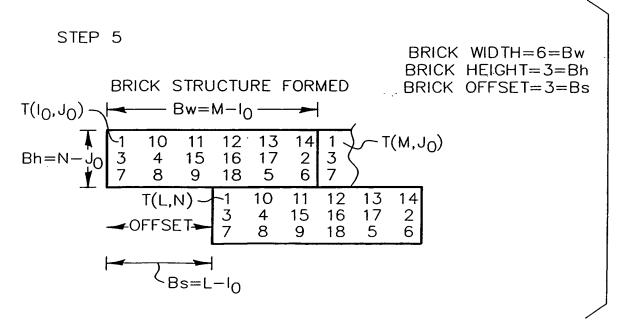


FIG. 21-5

SI	TEP 6						
				LE ST	TS 3- RUCTU LUT B	RE TO	
LEV	EL 0			STR	RUCTUI	RE	
LEVE	EL 2	106 0 0	0 0 0	0 0 0	0 0 0	0 0 0	· 0 0 0
	•						
LEVEL	128	255 255 220	231 231 99	0 0 99	0 0 220	0 0 100	231 231 100
	•						
LEVEL	255	255 255 255	255 255 255	255 255 255	255 255 255	255 255 255	255 255 255

FIG. 21-6

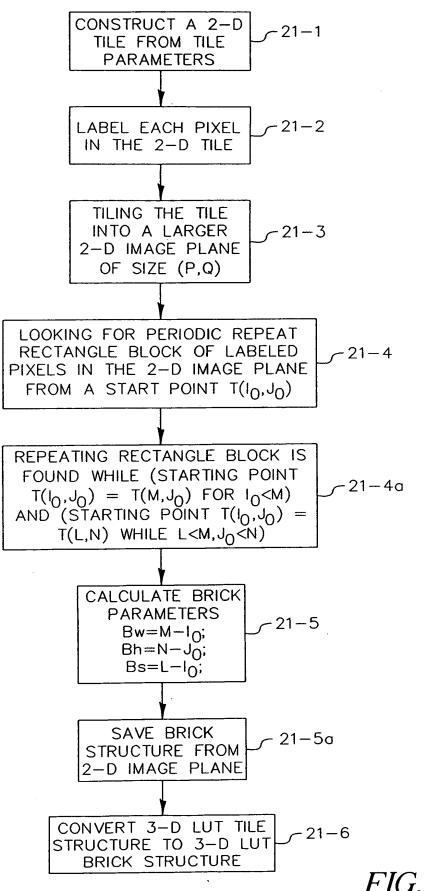


FIG. 22

### GRAY LEVEL = 2

C1	C1	C1	C1	C2	C2	C2
C1	C1	C1	C1	C2	C2	C2
C1	C1	C1	C1	C2	C2	C2
C3	С3	C3	C4	C2	C2	C2
C3	C3	C3	C4	C4	C4	C4
C3	C3	СЗ	C4	C4	C4	C4
С3	С3	С3	C4	C4	C4	C4

S1	E1	S1	<u>E1</u>	1
S2	E2	S2 S3	E2	
S3	E3	S3	E3	`
S4	F4	S4	E4	,
S2 S3 S4 S5 S6 S7	E5 E6	S4 S5 S6 S7	E4 E5 E6	
S6	E6	S6	E6	(
S7	E7	S7	<u>E7</u>	
S1 S2 S3 S4	E1	S1	E1	)
S2	E2	S2	E2	/
S3	E3	S2 S3	E3	
S4	E4	S4	E4	1
S5 S6	E5 E6	S5 S6	E5	l \
S6	E6	S6	<u>E</u> 6	l \
S7	E7	S7	E7	
<del> i</del>			•	/

FIG. 23a

GRAY LEVEL = 2

0	0	0	0	0	0	0
0	31	18	0	7	42	0
0	15	8	0	3	20	0
0	0	0	0	0	0	0
0	8	5	0	2	11	0
0	38	21	0	8	51	0
0	0	0	0	0	0	0

### BRICK STRUCTURE

0		0	0	0	0	0	
0	31	18	0	7	42	0	
0	15	8	0	3	20	0	
0	0	0	0	0	Ο	0	
0	8	5	0	2	11	0	
. 0	38	21	0	8	51	0	
0	0	0	0	0	0	0	

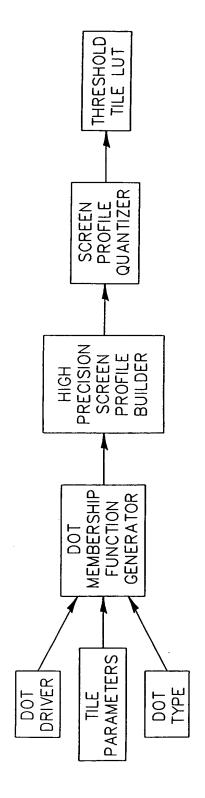
FIG. 23b

### GRAY LEVEL = 128

20	164	83	5	83	164	20
164	255	229	132	223	255	164
83	229	163	51	159	233	83
5	132	51	0	51	132	5.
83	223	159	51	158	224	83
164	255	233	132	224	255	164
20	164	83	5	83	164	20

### BRICK STRUCTURE

ſ	20	164	83	5	83	164	20
	164	255	229	132	223	255	164
	83	229	163	51	159	233	83
	5	132	51	0	51	132	5
1	83	223	159	51	158	224	83
l	164	255	233	132	224	255	164
	20	164	83_	5	83	164	20



# 16X16 DOT SIZE DRIVER

## FIG. 24